

Cooling Device // Applicants: Hiroshi Nakamura, H. Keith Miller, Esq., Harness, Dickey & Pierce, L.P.
Serial No. 10/047,914 - Filed January 15, 2003
Attorney Docket No. 4041J-000503

~~3700~~ 5
1-19

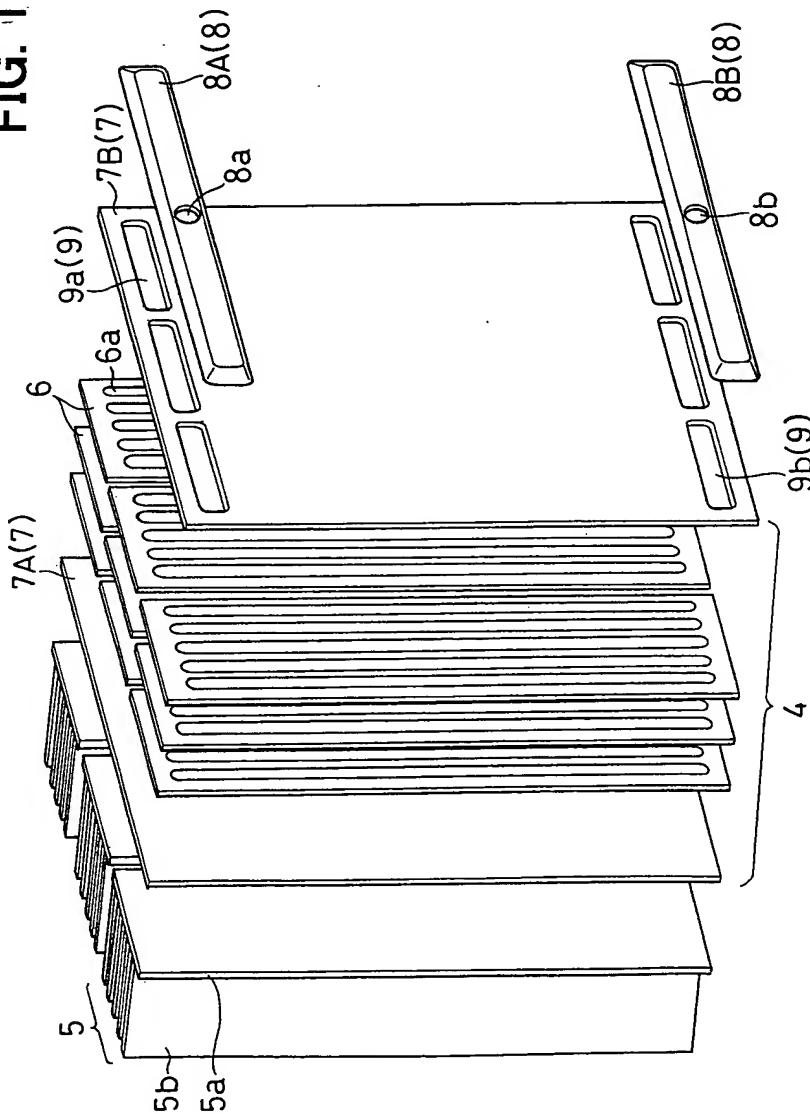
A circular stamp from the Patent & Trademark Office. The outer ring contains the text "PATENT & TRADEMARK OFFICE" at the bottom and "OIPE" at the top. The center of the stamp contains the date "APR 09 2002" and the reference number "SC/111".

APR 09 2002

1 / 19

~~165~~
104.21

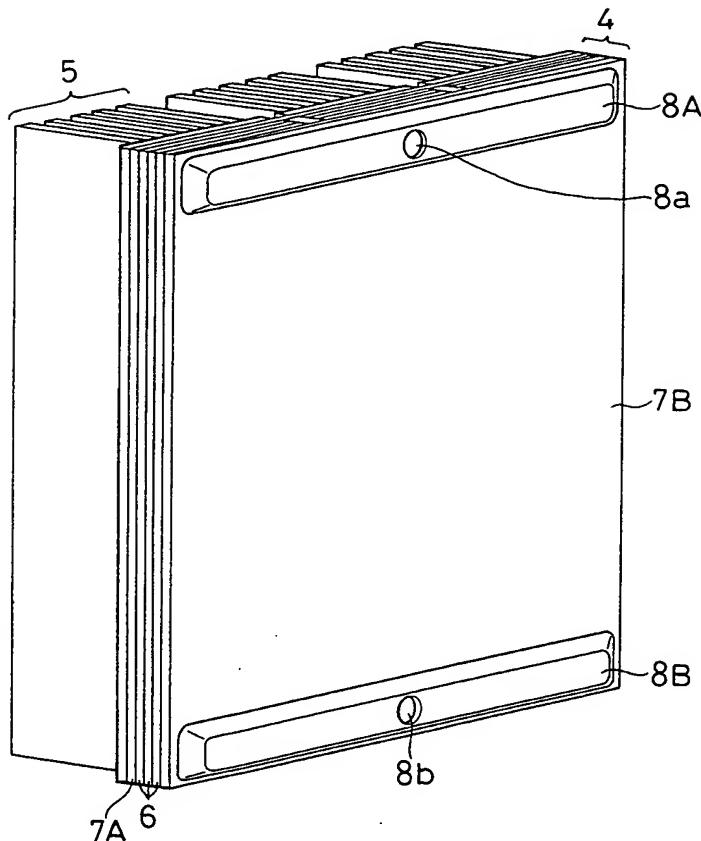
FIG



Cooling Device // Applicants: Hiroshi Handa, et al.
Serial No. 10/047,914 - Filed January 15, 2005
H. Keith Miller, Esq., Harness, Dickey & Pierc, P.L.C.
Attorney Docket No. 4041J-000503

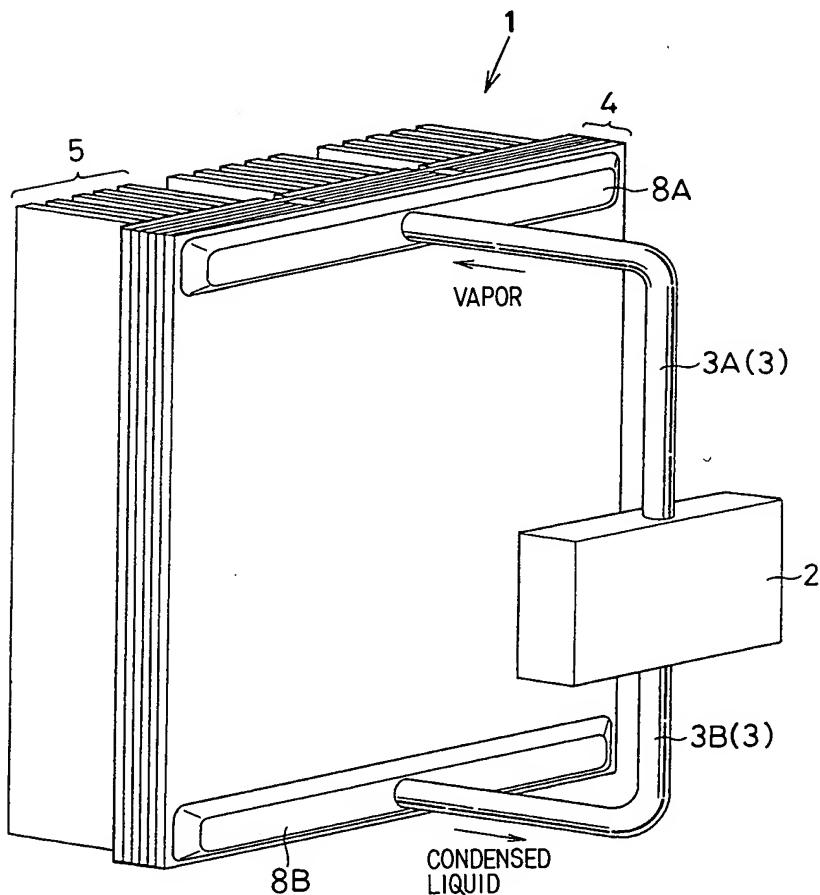
10047914 040902
2/19

FIG. 2



10047914 - 040902
3/19

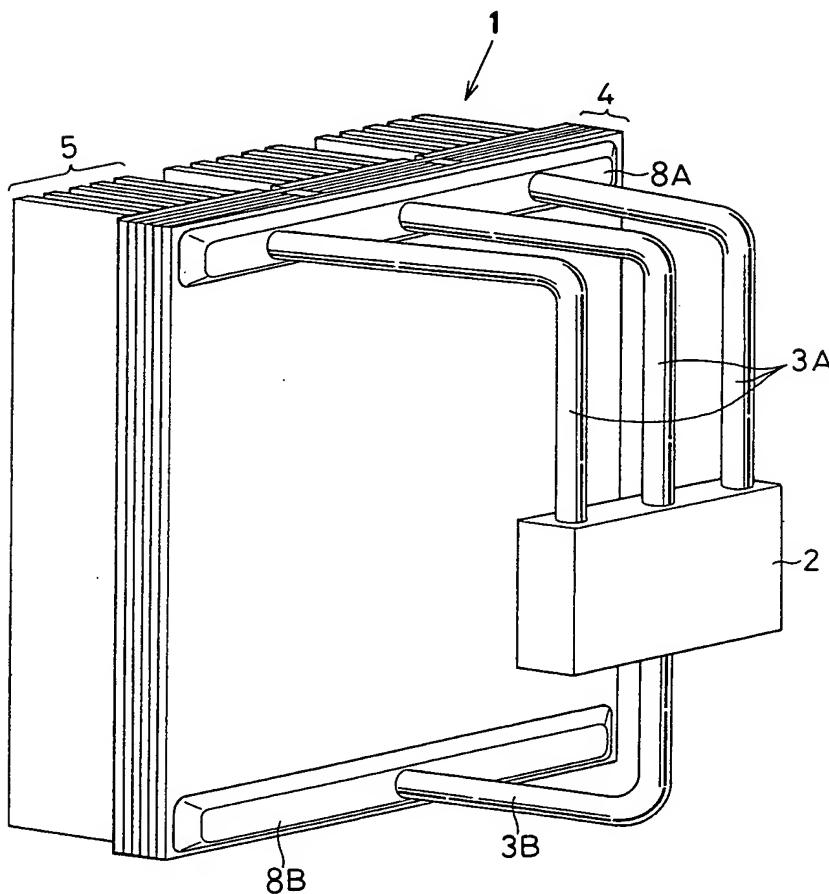
FIG. 3



10617214 - 040902
Cooling Device // Applicants: Hiroshi Tanaka
Serial No. 10/047,914 - Filed January 15, 2005
H. Keith Miller, Esq., Harness, Dickey & Pierc P.L.C.
Attorney Docket No. 4041J-000503

4/19

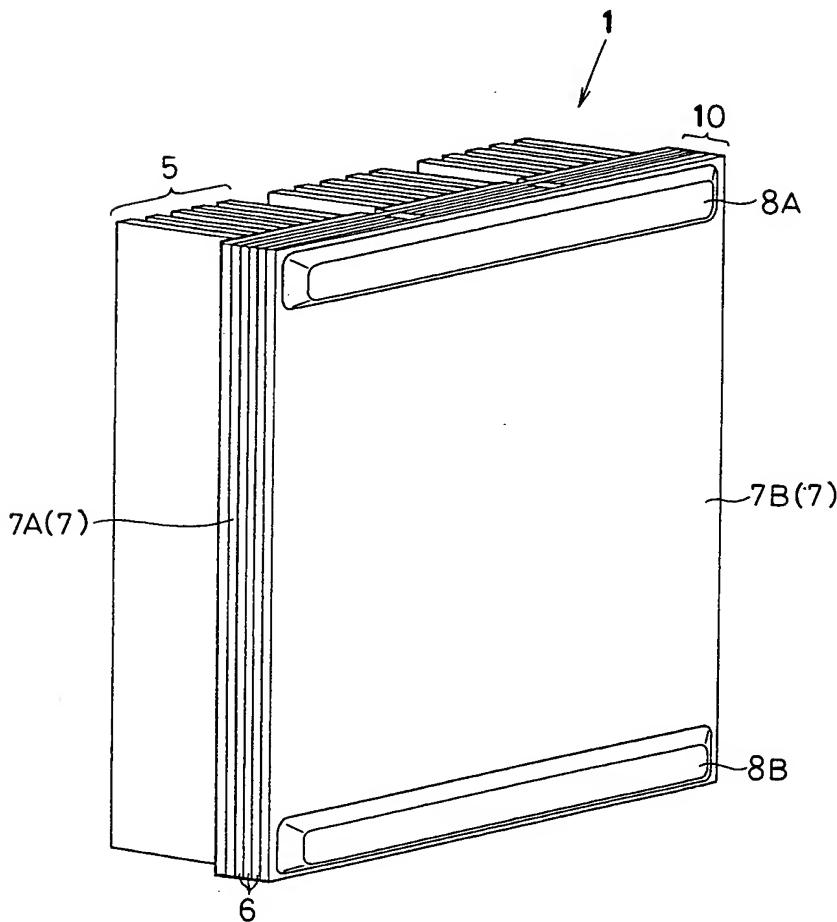
FIG. 4



Cooling Device // Applicants: Hiroshi Andaka et al
Serial No. 10/047,914 - Filed January 15, 2005
H. Keith Miller, Esq., Harness, Dickey & Pierce, P.L.C.
Attorney Docket No. 4041J-000503

10047914 040902
5/19

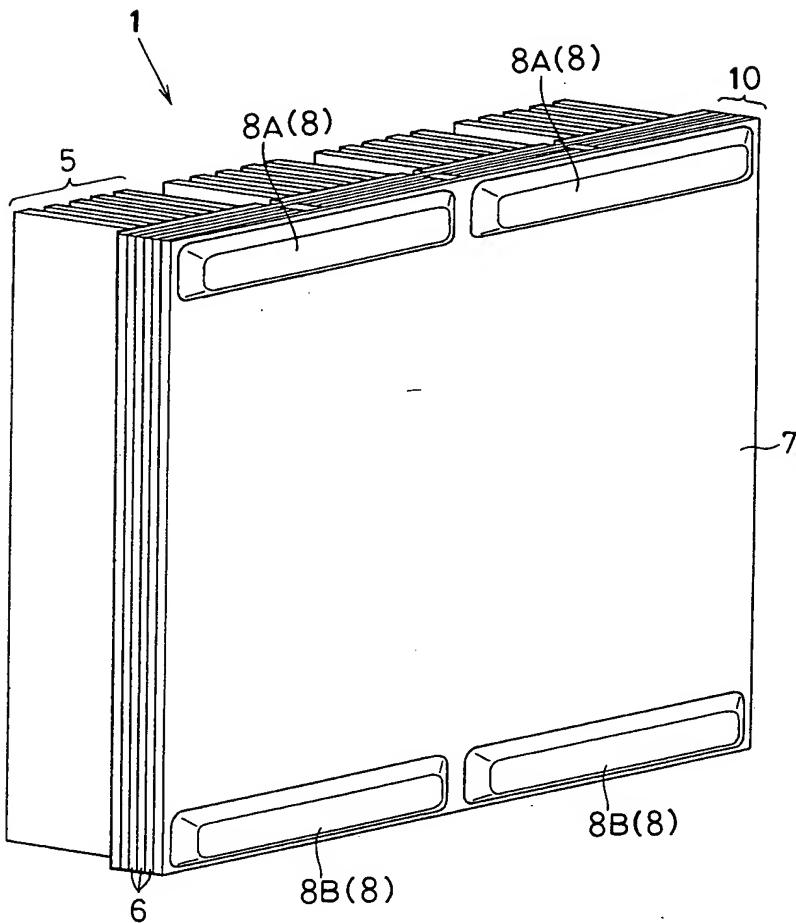
FIG. 5



Cooling Device // Applicants: Hiroshi Tanaka et al
Serial No. 10/047,914 - Filed January 15,
H. Keith Miller, Esq., Harness, Dickey & Pierc P.L.C.
Attorney Docket No. 4041J-000503

10/047,914 - 04-0902
6/19

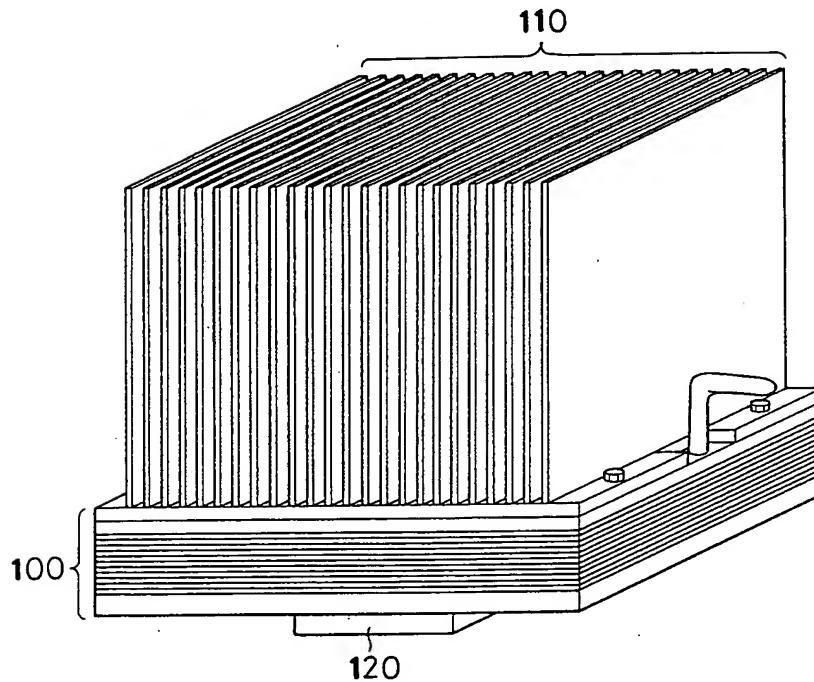
FIG. 6



Cooling Device // Applicants: Hiroshi Tanaka et al. 10047914 040902
Serial No. 10/047,914 - Filed January 15, 2005
H. Keith Miller, Esq., Harness, Dickey & Pierce, P.L.C.
Attorney Docket No. 4041J-000503

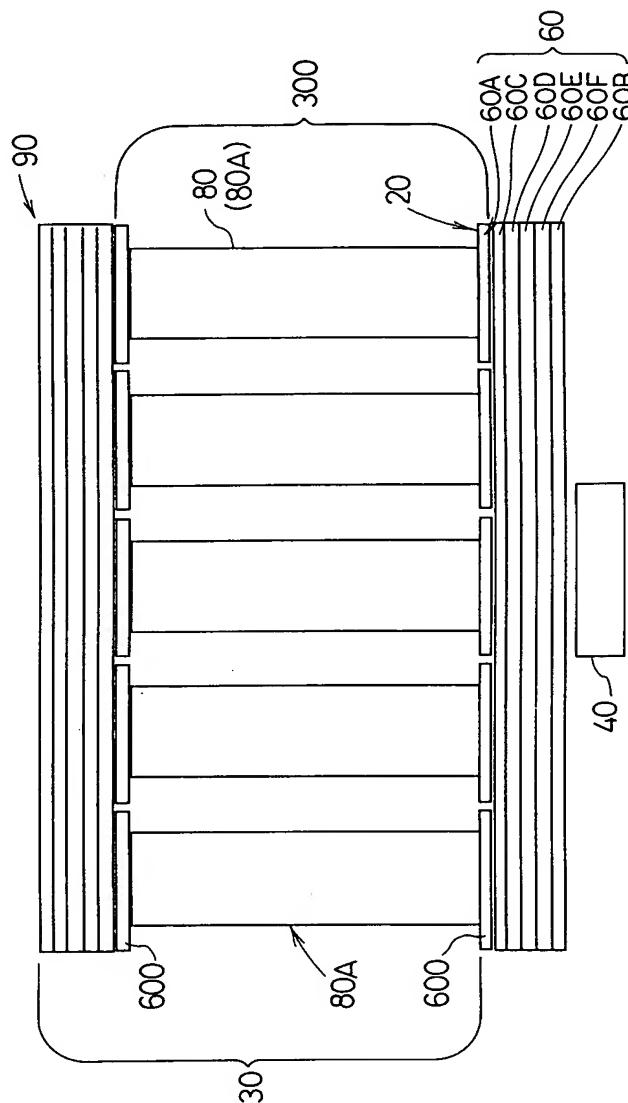
7/19

FIG. 7
PRIOR ART



8/19

FIG. 8



10047914-040502
9/19

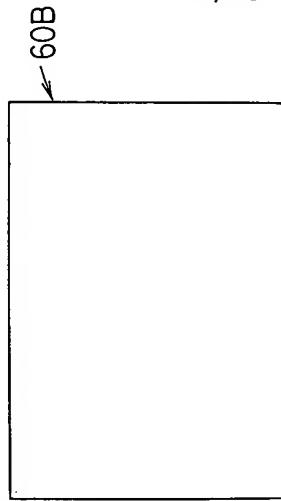
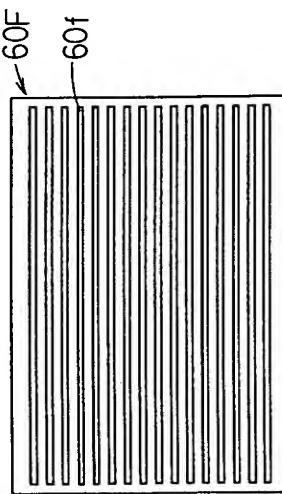
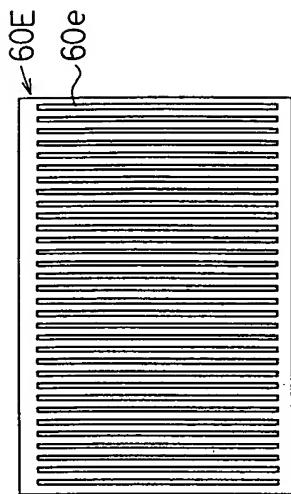


FIG. 9D

FIG. 9E

FIG. 9F

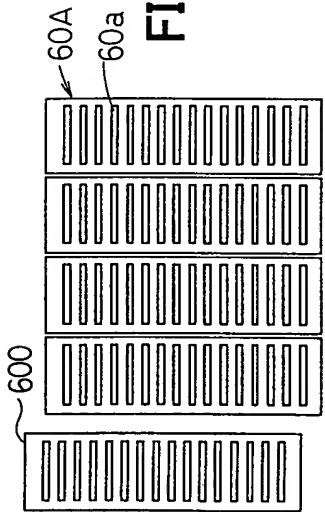


FIG. 9A

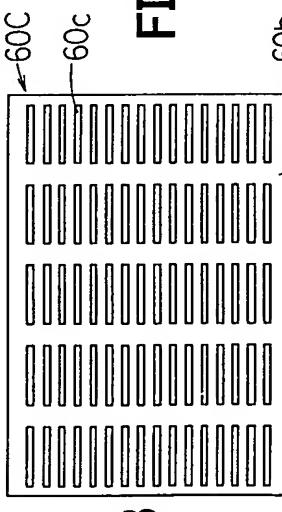


FIG. 9B

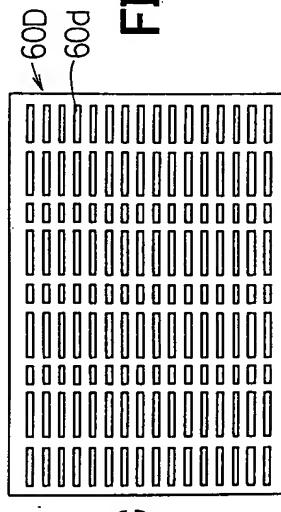


FIG. 9C

10/19

FIG. 10

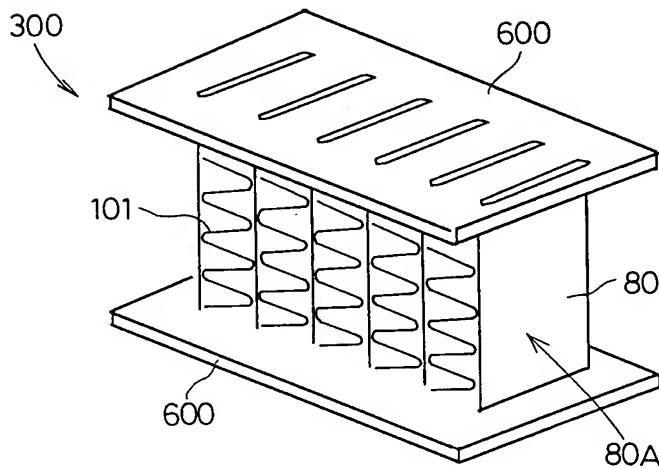


FIG. 11A

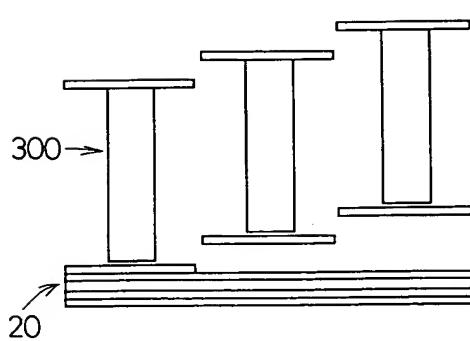
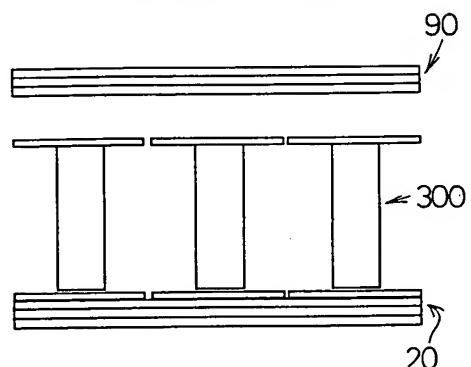


FIG. 11B



10047914 040902
11/19

FIG. 12A

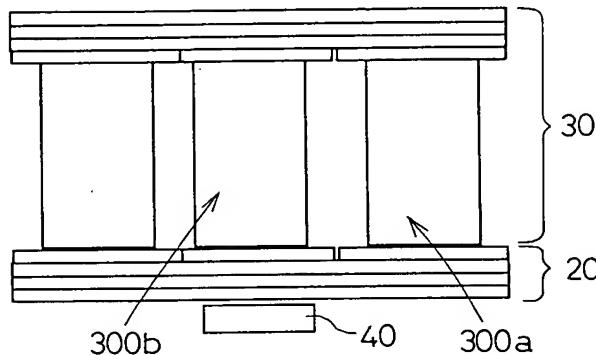


FIG. 12B

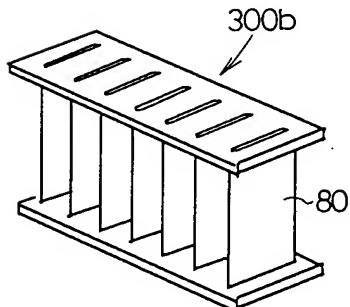
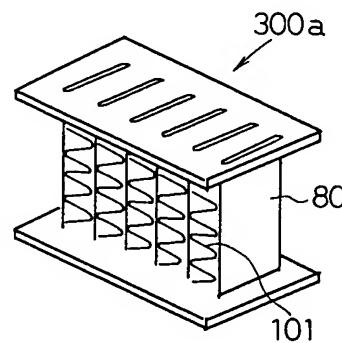


FIG. 12C



12/19

FIG. 13A

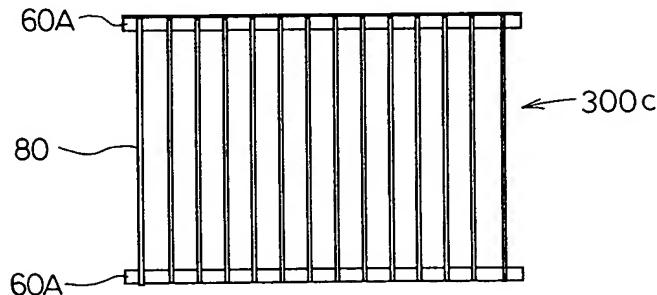


FIG. 13B

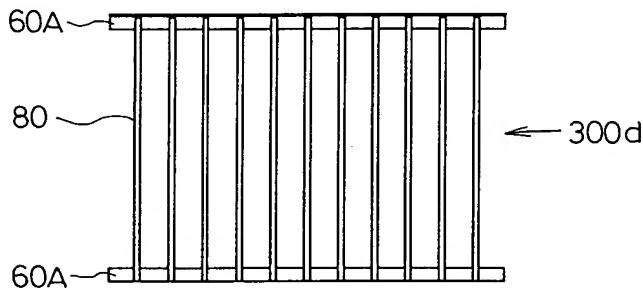
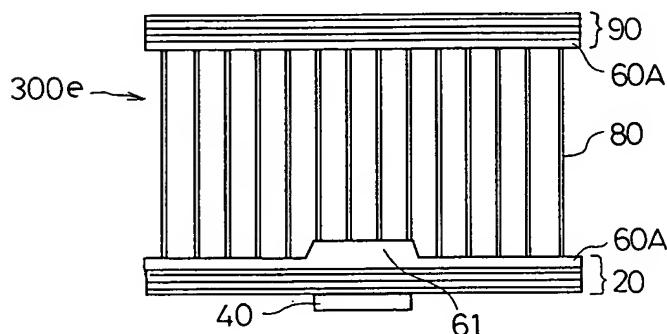


FIG. 14



13/19

FIG. 15A

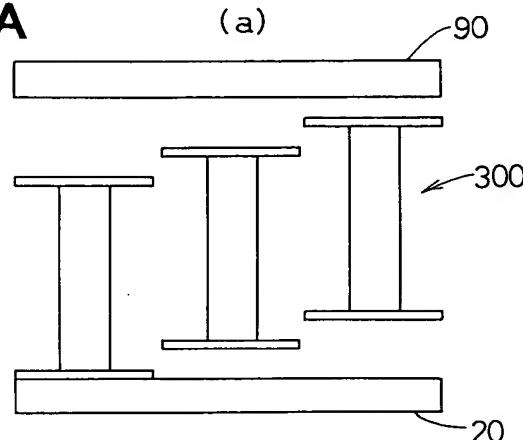


FIG. 15B

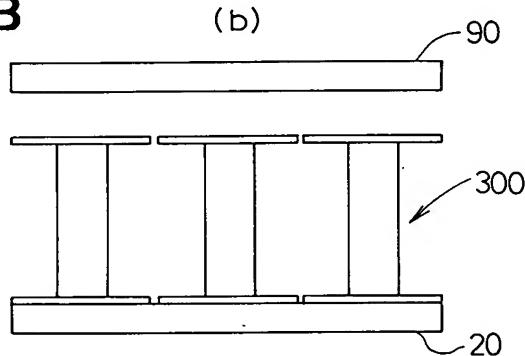
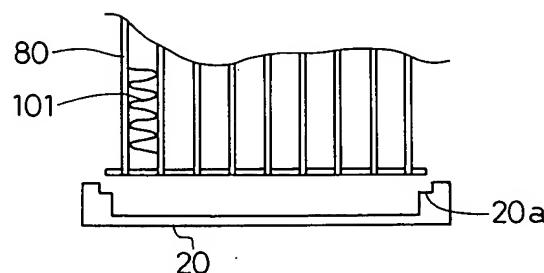


FIG. 15C

(c)



Cooling Device // Applicants: Hiroshi Tanaka et al.
Serial No. 10/047,914 - Filed January 15,
H. Keith Miller, Esq., Harness, Dickey & Pierce, L.C.
Attorney Docket No. 4041J-000503

14/19

FIG. 16A

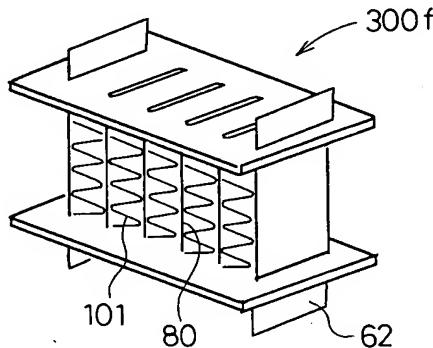
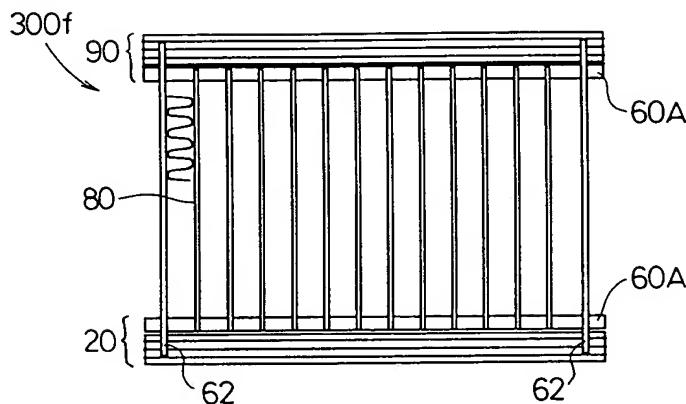


FIG. 16B



15/19

FIG. 17A

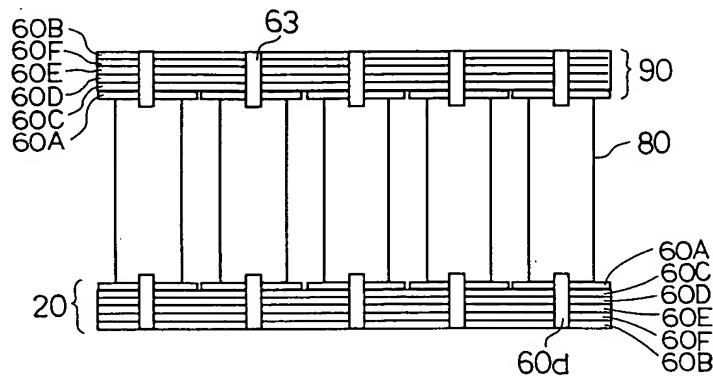


FIG. 17B

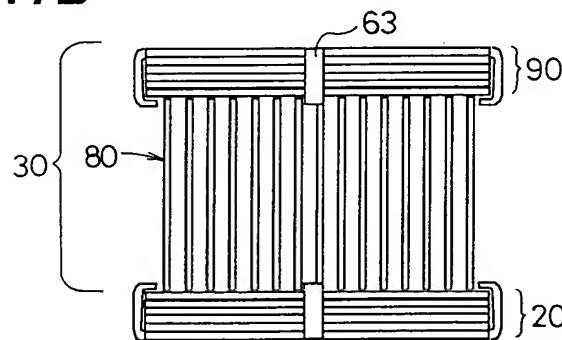
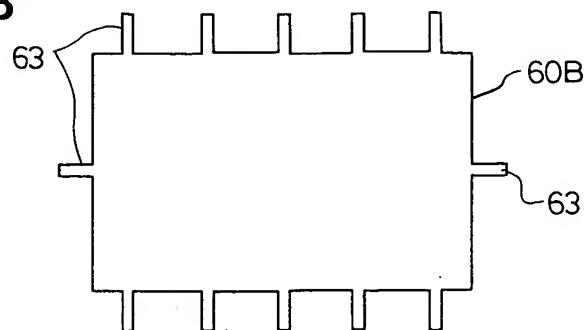


FIG. 18



16/19

FIG. 19A

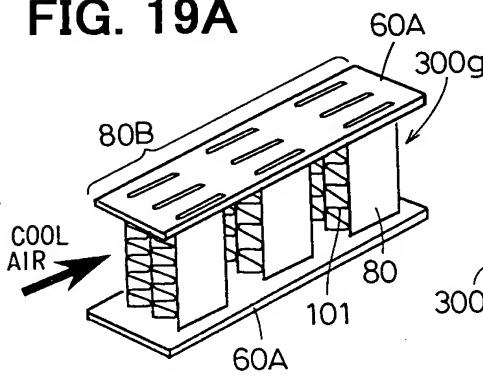


FIG. 19B

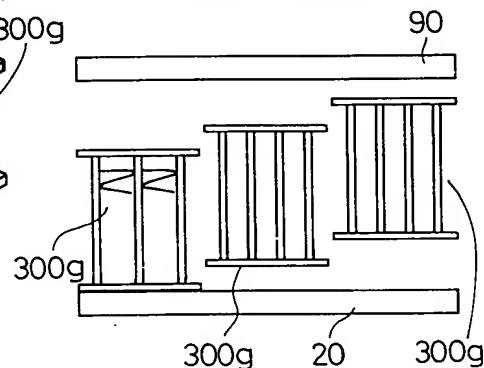
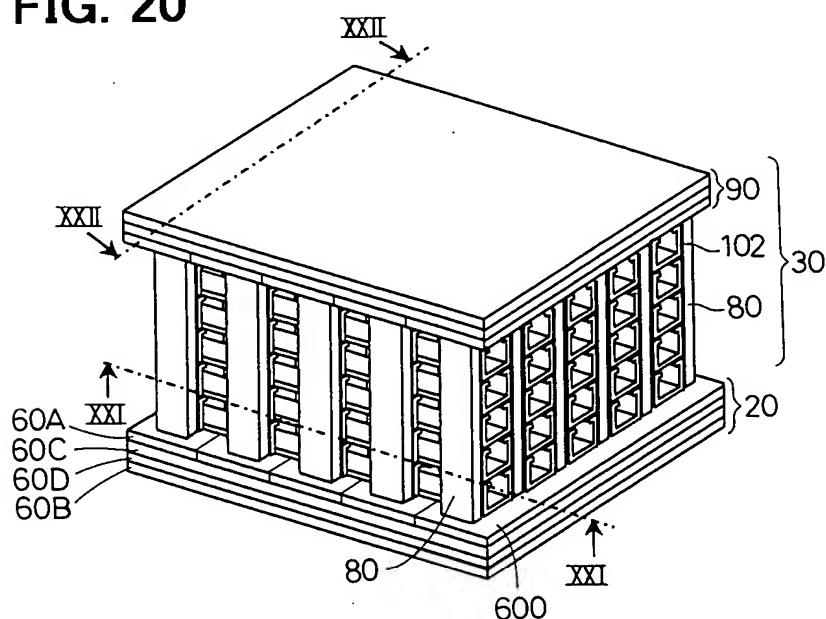


FIG. 20



Cooling Device // Applicants: Hiroshi Tanaka
Serial No. 10/047,914 - Filed January 15,
H. Keith Miller, Esq., Harness, Dickey & Pierc
Attorney Docket No. 4041J-000503

17/19

FIG. 21

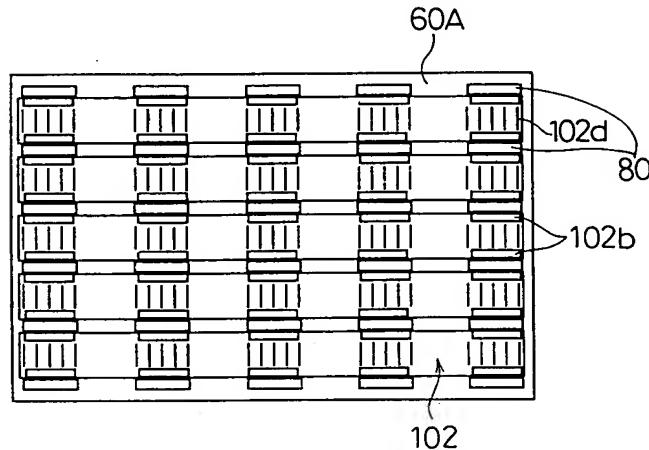
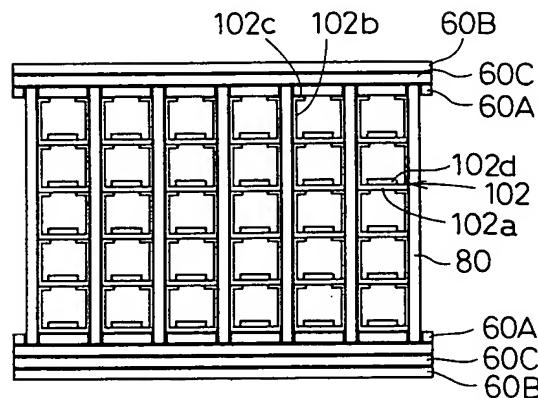


FIG. 22



18/19

FIG. 23

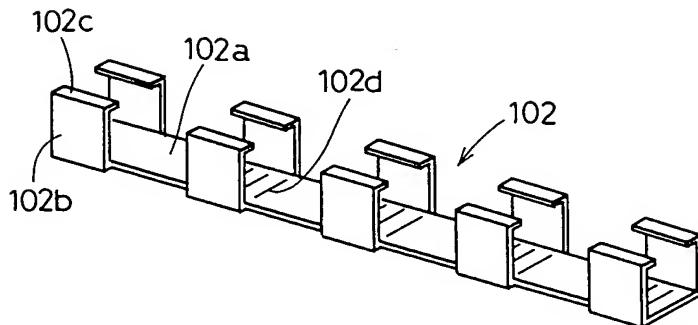
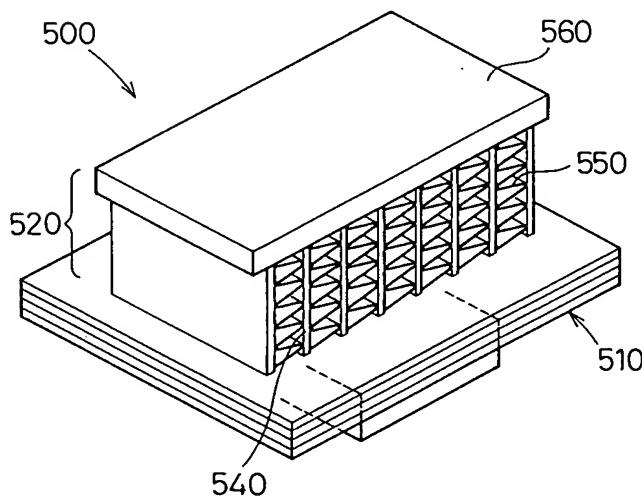


FIG. 26
PRIOR ART



19/19

FIG. 24A

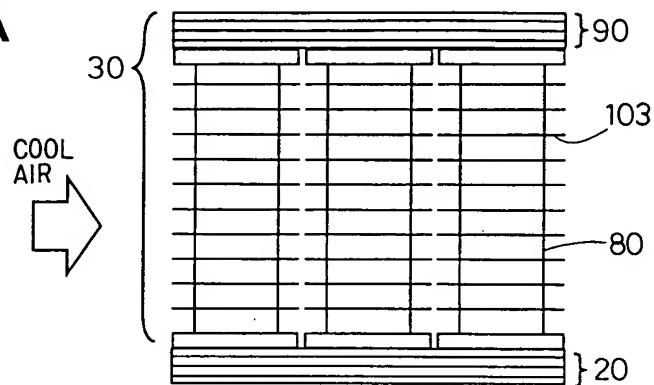


FIG. 24B

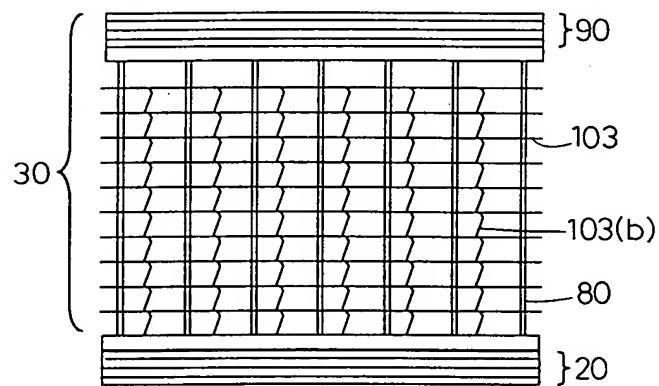


FIG. 25

